

Table 14

Georgia Summary

Cotton Insect Losses 2011

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	760,000	45,600	1	0.030	\$0.23	0.05%	2,008
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	304,000	76,000	1	0.050	\$0.33	0.02%	803
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	608,000	15,200	1	0.010	\$0.10	0.02%	803
Thrips	1,368,000	912,000	1	0.600	\$3.60	0.90%	36,143
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	152,000	7,600	1	0.005	\$0.05	0.01%	402
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	1,292,000	1,064,000	2	1.050	\$7.88	0.85%	34,135
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	1,140,000	15,200	1	0.010	\$0.08	0.00%	151
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	30,400	7,600	1	0.005	\$0.05	0.02%	803
Loopers	0	0	1	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				1.760	\$12.30	1.87%	75,248

Yield & Management Results

Total Acres	1,520,000
Total bales Harvested	2,650,500
yield (lbs/acre)	837
Total bales Lost to Insects	75,248
Percent Yield Loss	1.87%
Yield w/o Insects (lbs/ac)	853
Ave. # Spray Applications	1.76
Bales lost all factors	1,365,409
% yield loss all factors	33.9%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$18,696,000	\$12.30
At Planting Costs	\$10,640,000	\$7.00
In-furrow costs	\$4,560,000	\$3.00
Scouting costs	\$8,512,000	\$5.60
Eradication costs	\$1,292,000	\$0.85
Transgenic cotton	\$39,467,104	\$25.97
Total Costs	\$83,167,104	\$54.72
Yield Lost to insects	\$36,119,086	\$23.76
Total Losses + Costs	\$119,286,190	\$78.48

